DXpedition News

Tonga - A3 Paul Kidd KK6H is very active as **A35RK**. Among many spots are 14023 kHz 0200-0600Z, 14239 kHz at 0500Z, 40 meters around 0700Z, 80 a half-hour later, and the higher bands (15, 12, and 10 meters) 2145-2400Z. Try 25 kHz up on CW. He'll be active until June 4. Sunrise 1850Z; sunset 0545Z. QSL home address: P. O. Box 606, Point Reyes Station CA 94956.

St. Pierre & Miquelon - FP Dave Case KA1NCN will operate from the Hotel Robert July 19-25, including the IOTA contest, as **FP/KA1NCN**. He'll be on 160-10 meters, including the new bands, on CW, SSB, and RTTY, with particular attention to lower-class frequencies, Japan, and Europe. QSL to Justin Munger AA1AS (ex-KD1FE), 26 Caratina Avenue, Pittsfield MA 01201, with SASE or SAE and IRC.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Aruba - P4 Art Pahr K9XJ will operate from Aruba as **P4/K9XJ** or **P4ØXJ** June 16-23. While this is not a DXpedition per se (it's a wedding anniversary, so amateur radio is a secondary goal), Art will concentrate on Novice frequencies and IOTA frequencies. QSL home call with SASE or SAE and IRC: N8029 Willow Road, Plymouth WI 53073-2929.

Islands On The Air

- **GB8SH** will be active from Shiant Island (EU-112) May 27-31; QSL to GM3ITN.
- **TM5H** is set to be active from Huoat Island (EU-048) Aug. 22-28; QSL to F5JCG.
- **K1TG** Roger Kuchera will be active from Martha's Vineyard (NA-046) Sept. 3-11. CW only on 80-10 meters. QSL via home address: 270 Tawny Thrush Rd., Naugatuck CT 06770.

Shortly Noted

- F2JD (ex-**5Z4JD**) is back in France. He goes to Colombia HK4 in late May, for six months. (LNDX.)
- **CP94USA** is active until the end of June from the La Paz Radio Club's station CP1AA. (W1AW.)
- **KH6U** and **KH6IRT** will be active on 160 meters 0200Z May 21-1600Z May 22, around 1830 kHz, from a special station on north Oahu. (OPDX.)
- **OK8ECX** is Bob K8AAI, May 31-June 13. Try 21444 or 14263 kHz at 1500Z, especially weekends. QSL home call.
- **ZA/OK2PZW** will be active in the WPX CW test May 28-29. He'll also be active before the contest on SSB and RTTY.
- **GU/DC9KZ**, DL9YAJ, and DL6ET will be active from Guernsey (EU-114) for about three weeks, beginning June 1. QSL to home calls via the DARC (German) bureau.
- **J5/SM6FJY** will be active soon from Guinea-Bissau. (DXLoggen.)
- **Armed Forces Day** is 1300Z May 21-1300Z May 22. Among the stations that will look for cross-band contacts with amateurs are: **AAE AAH AAR AAZ AIR NAM NAV NAV-8 NBL NMH NMN NPG NP NZJ WAR.** Look just above the 75-meter band, above and below 40 and 20 meters, below 15 meters, and near 10257, 24783, and 27800 kHz.
- **CH3X** prefixes can be used by VE3/VA3 Canadians May 21-22.
- **Special Canada** prefixes will also be active May 28-July 28, commemorating the 50th anniversary of D Day. VY1/2 may use **VG1/2**, VA2/3 may use **XK2/3**, VE1-9 may use **XL1-9**, and VO1/2 may use **XO1/2**.
- **Silent Key**: Rene HB9AHA.
- **SSB Net** check-ins: **14226.5** kHz (11,22Z): BZ5HAN VR6DB V85AA TG9GI A35RK VS6GA JY9ZK ZK1AT; **14247** (21Z): 9Y4YF HC8JG ZP5YW KH3AF JY3ZH V44KBC.
- **RTTY**: Spots: **P29RB** 14085 1145Z; **5T5MS** 14084 2007Z; **TU4EI** 14085 2250Z; **7Q7JL** 14073 0505Z; **S92ZM** 21069 0900Z; **C91BG** 7037 1100Z; **TU2HS** 14073 1145Z; **5Z4FN** 14073 1400Z; **J28JJ** 14085 2124Z.

3YØPI and the NCDXF

The 1994 Peter 1 Island DXpedition team extends a special "thank you" to the Northern California DX Foundation. Without their level of support, it would not have happened.
Thank you **NCDXF**.
(s) Ralph Fedor KØIR, Team leader

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
May 1994		Date	Flux	A	K	Date	Flux	A	K
20	High Normal	4/23	85	06/09	2	3/26	89	07/09	1
21	High Normal	4/24	83	09/08	1	3/27	88	06/08	2
22	High Normal	4/25	83	06/07	2	3/28	88	07/10	2
23	High Normal	4/26	81	07/06	2	3/29	86	06/06	2
24	High Normal	4/27	78	04/05	1	3/30	86	11/12	3
25	High Normal	4/28	77	02/04	1	3/31	85	07/05	2
26	High Normal	4/29	78	05/06	1	4/1	82	05/06	2
27	High Normal	4/30	75	01/02	1	4/2	79	25/34	3
28	Disturbed	5/1	75	20/34	4	4/3	77	48/76	4
29	Disturbed	5/2	76	30/42	3	4/4	77	30/50	3
30	Disturbed	5/3	74	32/45	3	4/5	77	25/31	3
31	Below Normal	5/4	73	22/23	2	4/6	73	30/43	3
June 1994									
1	Disturbed	5/5	73	24/32	4	4/7	73	27/36	3
2	Disturbed	5/6	74	23/33	3	4/8	73	31/40	3
3	Disturbed	5/7	74	27/40	4	4/9	73	34/45	4
4	Disturbed	5/8	75	24/36	3	4/10	75	25/31	3
5	Below Normal	5/9	77	26/24	3	4/11	74	32/39	3

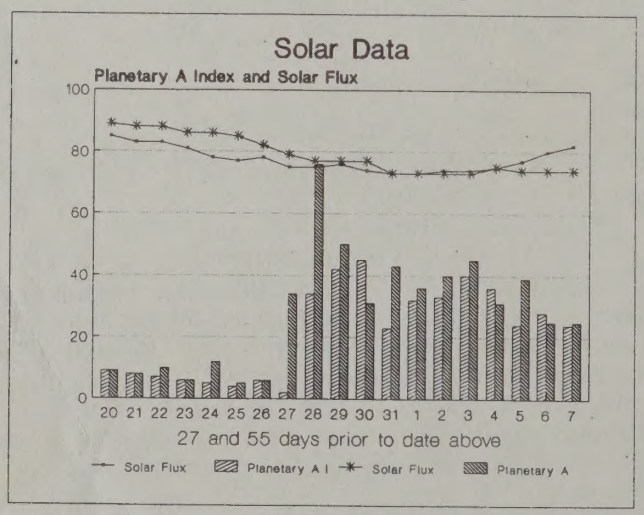
Propagation Watch

At last some good news on the propagation front. Solar flux rose above 90 for the first time since late March, and is expected to peak considerably higher than it did in the past two months. While this doesn't mean a return to worldwide 10-meter openings, it does increase the chances of openings on the higher bands, especially 12 meters. Openings on lower bands (15, 17, and 20 meters) will be a little longer, and signals a bit stronger.

Most of this increase in flux appears to be associated with a single Sunspot Region, #7722. This Region rotates to the back of the sun around May 23, so look for a slight decline in solar flux, and high-band propagation, at that time.

The Killer Koronal hole is on the back of the sun until May 28th, when propagation will probably begin to deteriorate. Expect conditions in the WPX CW contest May 28-29 to be better on Saturday than on Sunday.

All this suggests that the best DXing, especially on longer paths, will be now until May 23rd. By mid-June, we will be experiencing summer propagation, with subsequent lower maximum useable frequencies (MUFs) and increased noise on the lower bands. Good hunting!



QSL Information

- QSL **VP2MAX** (ex-VP2MIX) via WØIJN as soon as possible; WØIJN wants to close out the logs.
- QSL the 1982 Campbell Island operation of **ZL4OY/A** to Chris Hannagan ZL4OY, 73 Strasbourge St., Martinborough 5954, New Zealand.
- QSL **5R8DM** to Hitoshi Miura 7K1EHK (ex-JE8XRF), 5-1-5-202, Akatsuka, Itabashi-Ku, Tokyo 175, Japan.
- QSL **OD5/SP7LSE** direct to Zenon Brodziak's home address: ul: Konarskiego 1/20, 96-100 Skierniewice, Poland. (The old route of via SP7EJS is no good since January.)
- QSL the WPX SSB operation of **PQØMM** via Sergio Lima de Almeida PP5JR, Rubens A. Ramos 1416/501, Florianopolis SC 88015-700, Brazil.

- QSL **VP5/AB5MF** via S. Obara AB5MF, 7205 Hart Lane #2010, Austin TX 78731.
- QSL **TY1DX** and **TY2FG** direct only to Germano Gabucci IK6FHG, Ville Federica, 61020 Trasanni, Italy, before the end of August. Cards will not be available after that date.
- **EO5ØJS** commemorated the 50th anniversary of the liberation of the Crimea; QSL via Dainius Savicius LY1DS, P. O. Box 1274, 232056 Vilnius, Lithuania, with return postage.
- QSL **EO6J** and **EO5ØJA** via P. O. Box 10, Kerch 334500, Crimea, Ukraine, with 2 IRCs.
- **C91J** (ex-C9RJJ), who has returned to the states from Mozambique, has changed QSL managers; anyone still needing a card should QSL via Buzz N5FTR. Buzz can also handle cards for **A41KJ KG4DD P29BT V31BR V31ML Z21BA 9M6LS 9M8FH 9M8LL 9M8YL.**
- QSL **V63SD** to Bradley Wallingford, 11919 N. Jantzen, #385, Portland OR 97217.
- QSL **ZF2VZ/ZF8** and **FOØRYD** via Bob Ryder N1MFW, P. O. Box 315, Chatham MA 02633.
- QSL **ZYØFZI PS7ZIN J79ROJ 9M6RO V31RO J79OUT JG1OUT/V2** via Isao Numaguchi JH1ROJ, 4-9-31 Naka-Aoki, Kawaguchi, Saitama 332, Japan.
- QSL **C6AHL** via Dick Wilder K3DI, 913 Shore Acres Road, Arnold MD 21012.
- QSL the 1994 WPX contest call of **C4YY** via Jeff Hambleton 5B4YY, Box 1222, Kato Paphos, Cyprus.
- QSL **OY1CT** via the Faroes QSL bureau or direct to Carsten Thomsen, Box 25, FR-340 Kvivik, Faroe Islands, via Denmark, with one IRC or US$2.
- QSL **OHØKDY** via Tomi Ylinen OH2KDY, Kirkkokuja 12 C, 01230 Vantaa, Finland.
- QSL **XE3ABG** via operator Benito, Avenida Universidad 4, Colonia Pemex 1, Ciudad del Carmen, Campeche 24100, Mexico.
- QSL **PYØFM** via P. O. Box 007, Mathinhos PR 83260-000, Brasil.

QSL Help Wanted

- KG6I needs the address for JA1KJK, manager for **DX1HB.**
- N2AUK seeks the QSL route for the 1994 WPX SSB operation of **ZK2XV.**
- KI7Y wants a QSL route for the 1991 operation of **SY1DN.**

B • A • N • D • P • A • S • S

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

8P6RY	14086	0045	5	OH
A35RK	14086	0305	7	CA
EA8ATE	14084	2330	6	OH
HC6CR	14083	2011	5	MN
ISØQDV	14083	2010	13	CA
SV1ADG	14094	2010	14	FL
SV1QN	14082	2005	5	MN
SV2BFN	14086	1953	14	FL
VP5JM	14086	1252	14	FL
ZP6DN	14091	2330	4	MD

80 Meters

HP2CWB	3505	0940	4	NH
JA1CGM	3503	1000	4	NH
LZ2PP	3506	0325	2	SC
S59A	3508	0324	2	SC
VK4EET	3505	0927	8	NH
ZL1ACZ	3504	0947	9	NH
ZL2AGY	3502	0940	9	NH
ZL3ABV	3505	0935	4	NH
ZL3NE	3505	0945	9	NH
ZL4IE	3505	0928	8	NH
ZS6QU	3511	2303	7	MA

75 Meters

AH8A	3790	1028	2	VA
CN8HR	3800	0051	6	ME
CX4CR	3799	0932	9	NH
FK8FZ	3795	1040	9	IA
LZ3ZZ	3793	0134	3	ME
VK3DZM	3800	1005	1	ME
VK6LK *	3798	2257	7	MA
ZL4BO	3792	1039	3	VA

40 Meters

5W1GC	7002	0640	8	IA
5W1GC	7006	1100	2	OH
6W1/ F5PHW	7001	0130	4	IA
9M2FK	7007	1155	1	CA
A35RK	7024	0219	9	ID
BV2BI	7009	1155	5	CA
C21/ ZL1AMO	7005	1130	10	IA
CE3CJ	7004	1150	1	CA
CP6UH	7015	0155	9	FL
CX3EU	7008	0920	4	NB
CX4SS	7007	1011	6	IL
EA8QJ	7004	0434	10	CA
FR5DN *	7009	1340	9	IA
HL9DK	7007	1120	7	IA
HSØ/ G3NOM	7005	1150	5	CA
JA1NUT	7010	1055	6	OH
JT1BH	7010	1450	1	CA
OA4AWE	7006	1026	14	FL
PYØTUP	7008	0050	10	IA
TU4SR	7025	0210	7	IA
UAØZC	7029	0745	8	CA
V44KAO	7007	2354	11	FL
VK3CIM	7009	1100	6	OH
YS1DRF	7006	0111	2	ME
YS1XS	7009	0505	9	IA
Z31CZ	7004	0335	2	SC
ZL1RA	7004	0810	7	IL

30 Meters

3B8CF	10103	0330	5	SC
3B8CF *	10103	1335	1	CA
4X4DK	10102	0350	9	SC
5W1GC	10103	0400	8	SC
6W1/ F5PHW	10101	0053	4	ME
9K2MU	10108	2324	5	SC
CO2HA	10101	2150	3	SC
CX2BP	10103	0342	2	SC
FK8FU	10104	0347	2	SC
KP2J	10101	2220	11	FL
LX/ PA3DMH	10105	2123	12	FL
LZ2DB	10117	0415	8	SC
OM3LA	10103	0010	1	ME
PZ1DV	10104	0324	9	SC
S79CK/C	10101	2325	13	FL
SV5/ SK1RP	10101	0412	8	SC
TK/ DL8NBH	10107	0031	1	ME
UA2FL	10103	2112	3	SC
UXØUN	10101	2359	11	FL
	10105	0321	5	SC

20 Meter CW

4S7DA *	14024	0150	1	CA
5NØ/ DL9GMM	14018	2047	3	SC
6Y5MM	14046	2248	8	SC
7X2DS	14058	1936	1	NY
7X4AN	14005	2221	11	FL
7Z1AB	14008	2203	14	FL
9G1SD	14020	2240	1	WI
9K2MU	14018	1950	7	IA
9K2ZZ	14005	2012	14	FL
9Y/HB9TU	14004	2311	12	FL
A35RK	14022	0150	10	IA
A71AN	14007	2228	11	FL
C53HG	14015	2318	5	SC
CE6PCM	14005	0053	12	FL
CP1BA	14018	0158	14	FL
CP5GK	14024	0123	14	FL
EO6J	14010	1920	4	MI
EU8JA	14003	0112	14	FL
EX8W	14009	2114	14	FL
FO5OU	14015	0420	10	CA
HKØDPA	14020	1214	6	SC
HT1T	14008	0037	13	FL
KH8BB	14028	0601	3	CA
OJØ/ OH2BBF	14006	1827	14	FL
OM3KAG	14025	1210	2	MI
PJ2AM	14026	2146	12	FL
R1FJC	14016	0121	14	FL
SV9AIX	14004	2130	14	FL
TF3GC	14035	1908	4	NY
TG9AQ	14010	0020	5	MD
TM6SOA	14037	2149	12	FL
TU4EI	14001	2151	12	FL
UN7PS	14028	0210	14	FL
UN9LR	14012	0140	14	FL
US9QA	14013	1310	5	MI
UX2HO	14025	1419	8	IL
V63YN	14011	1553	7	ID
V73C	14034	1135	1	NB
VP5P	14006	1535	7	ID
VR6MW	14009	0704	8	CA
VU2JPT	14005	2324	3	SC
YS1DRF	14001	2248	14	FL
YS1XLH	14053	0110	6	CA
YS1XS	14016	1240	9	IA
Z31GB	14009	2250	4	MI
ZB2FK	14018	2232	11	FL
ZZ5FO	14012	2300	4	MI

20 Meter SSB

5X1C	14240	2210	6	IA
9G1SB	14205	2245	5	IA
9K2MU	14195	2131	8	MA
9K2WA	14255	2255	9	IA
D2EGH	14192	2050	30	OH
FH5CB	14256	2130	8	IA
FOØHEA	14240	0259	5	WI
J37PB	14227	2234	3	NB
J55UAB	14250	0015	8	IA
J73PB	14247	2145	3	ME
J79W	14165	2058	6	SC
PT2VD	14186	2212	2	NY
TU2JL	14237	2253	3	WI
TZ6FIC	14205	2120	8	IA
VK7RX	14207	0520	5	MA
VK9NS	14260	0358	5	WI
VQ9UN	14206	2040	6	IA
VR6DB *	14225	0154	5	MD
ZP5YW	14249	0205	5	MD

17 Meter CW

C21/ ZL1AMO	18074	0150	14	FL

17 Meter SSB

8P6QY	18130	2129	4	MD
CT1STF	18128	2125	4	MD
I2ZLG	18137	2120	4	MD
PZ1EL	18141	2009	4	SC

15 Meter SSB

9G1RZ	21330	2050	8	IA
S92YL	21340	2045	8	IA
TI7DBS	21247	1616	8	SC
ZD7WRG	21252	1322	1	ME
ZS2AAR	21210	1643	1	ME

12 Meter CW

HR2KIT	24908	2050	1	SC

10 Meter CW

HP2CWB	28035	2145	8	SC

Not QSL Managers

- KD2OM is not manager for any **Omani A4** station.
- N3CXM is **not** the QSL route for **PZ5JR**; QSL via Bob Mantell K3BYV, P. O. Box 2137, Brevard NC 28712.

QSLs Received

- From managers: **8P9DX** (VE3ICR, 5 WKS); **C51A** (W3HNK, 6 MOS); **C53HG** (W3HCW, 10 DAYS); **CT1EEB** (WA1ECA, 1 MO); **CT1ESV** (WA4JTK, 1 MO); **D2EGH** (CT1EGH, 3 MOS); **HB9H** (HB9DLV, 2 WKS); **KG4CI** (XE1CI, 6 WKS); **T94IW** (DL8OBC, 6 WKS); **V31UO** (DL7UUO, 1 MO); **VP2V/W2GUP** (W2GUP, 1 MO).
- Direct: **3DAØBK** (1 MO); **6W6JX** (6 WKS); **GU3EJL** (2 WKS); **OY1CT** (3 WKS); **PA6WPX** (1 MO); **TGØAA** (1 YR); **VP8ON** (1 MO); **YO3AC** (2 WKS).

Geoff Watts - Silent Key

Geoff Watts BRS-3129 passed away May 9 of a heart attack, at the age of 75. Geoff founded the *DX News Sheet* in 1962, and edited it for the next 20 years. He started the Islands On The Air programme in 1964. He was the first British SWL to confirm all 40 zones, and eventually confirmed all DXCC countries. Goeff was inducted in CQ's DX Hall of Fame in 1977, the only non-amateur ever so honoured.

Issue 739 - May 20, 1994

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Albania	**ZA/**	**OK2PZW**	**WPX CW**	**I739**
Antarctica	VP8GAV		3503/0515Z+	I735
	4K1D		14188 1820Z	I737
Aruba	P4	P4ØW	WPX CW	I735
		P4ØXJ	**June 16-23**	**I739**
Barbados	**8P**	**8P9GQ**	**May 14-June 4**	**I735/6**
Bermuda	**VP9/**	**K1EFI**	**May 12-20**	**I732**
	VP9/	**WB1BRE**	**May 13-26**	**I736**
Cambodia	XU	XU7VK	to Feb. '95	I724
	XUØHW/XU9HA		**May 10-25**	**I726**
Corsica	**TK/**	**IK4s**	**May 19-23**	**I735**
Faroes	OY	OY1CT	WPX CW	I737
French Polynesia	FO	FO5VO	to June	I738
Guernsey	**GU/**	**DLs**	**June 1-21**	**I739**
Iraq	YI9CW		18074 14-16Z	I732
ITU HQ	**4U9ITU**		**May 24-28**	**I734**
	4U9ITU		**May 20-22**	**I736**
Jamaica	**6Y5/**	**KF9PL**	**May 25-30**	**I734**
Kerguelen	FT	FT5XJ	14188 18Z	I737
Liechtenstein	**HBØ/DJ2XS**		**May 22-23**	**I734**
Malta	9H	PAs	June 24-July 4	I736
Marianas	**KHØ/**	**KH2GR+**	**May 26-30**	**I735**
Marion Island	**ZS8MI**		**leaving soon**	**I737**
Micronesia	V6	V63s	June 8-17	I735
Nauru	C21/ZL1AMO		now active	I738
Niger	5U	5U7Y	now active	I726
Nigeria	5NØ/DL9GMM		to Dec.	I731
	5N/F6BLQ?		**May**	**I736**
North Cooks	ZK1AT		3784 07Z Sun.	I729
Rodriguez Island	3B	3B9FR	new bands	I711
St. Eustatius	**PJ5/K3UOC**		**May 24-31**	**I733**
St. Paul Island	CY9/	Ws	June 10-19	I736
St. Pierre & Miquelon	**FP/KA1NCN**		**July 19-25**	**I739**
St. Maarten	**PJ7/WB2CHO**		**May 24-29**	**I733**
	PJ7/OH2LVG		**May 26-30**	**I734**
Saudi Arabia	HZ	HZ1AB	1832± 02Z Fri.	I721
Sri Lanka	4S7/ON4IPA		to August	I736
Svalbard	JW	JW5EBA	Jan.-June	I719
Tajikistan	EY	EY8MM	3505/3795 02Z	I729
Tonga	**A3**	**A35RK**	**May 5-June 4**	**I736/9**
Trindade Island	PYØ	PYØTUP	Apr.-Aug.	I731
Yemen	7O	7O1AA	14243 1500Z	I738
Zambia	9J2BO		24900 1530Z	I720

Operating Events and DX Gatherings

Dates	Event	Reference:
May 21-22	Armed Forces Day	QST
May 28-29	CQWW WPX CW Contest	CQ
June 11-12	ANARTS RTTY Contest	Digital Journal
June 18-19	All Asian CW DX Contest	CQ

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
80 Meters	ZL2AGY	3502	0945Z
80 Meters	ZL4IE	3505	0930Z
Algeria	7X4AN	14010±	2220Z
Corsica	TK/DL8NBH	10105±	2100Z+
El Salvador	YS1XS	7011±	05-0800Z
El Salvador	YS1DRF	20M CW	2300Z+
El Salvador	YS1DRF	7004±	01-0800Z
Gambia	C53HG	14020±	23-0130Z
Ivory Coast	TU4EI	20M CW	2200Z Thurs.
Nigeria	5NØ/DL9GMM	14004	21-2300Z
Trindade	PYØTUP	7008±	0100Z+
Turks & Caicos	VP5P	14008±	1600Z
Western Samoa	5W1GC	7004±	0640Z+
Western Samoa	5W1GC	10102	0400Z

The DX Bulletin

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